



App. No. 09/966,082
Docket: 033082.104

THE UNITED STATES PATENT IN TRADEMARK OFFICE

APPLICATION NO.: 09/966,082

CONFIRMATION NO. 5386

FIRST NAMED INVENTOR: Uemukai

FILING DATE: 10/01/2001

ART UNIT: 1744

EXAMINER: Graham, G.

DOCKET NO.: 033082.104

FOR: CLEANING PROCESSING SYSTEM AND CLEANING PROCESSING APPARATUS

RESPONSE TO OFFICE ACTION

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

This response to the Office Action of December 12, 2003 is being timely filed by the response due date.

AMENDMENT TO THE SPECIFICATION section begins on page 2.

AMENDMENT TO THE CLAIMS section begins on page 4.

AMENDMENT TO THE DRAWINGS section begins on page 17.

REMARKS section begins on page 18.

The replacement sheets follow page 23.

03/15/2004 SSESHE1 00000131 09966082
01 FC:1201
02 FC:1202
172.00 OP
168.00 OP



PTO/SB/21 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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1744
A

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

| | | | |
|--|--|------------------------|------------|
| | | Application Number | 09/966,082 |
| | | Filing Date | 10/01/2001 |
| | | First Named Inventor | Uemukai |
| | | Art Unit | 1744 |
| | | Examiner Name | Graham, G. |
| Total Number of Pages in This Submission | | Attorney Docket Number | 033082.104 |

ENCLOSURES (check all that apply)

| | | | | |
|---|---|--|---------|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input checked="" type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): | | |
| <table border="1"> <tr> <td>Remarks</td> <td></td> </tr> </table> | | | Remarks | |
| Remarks | | | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | |
|-------------------------|---------------------------------|
| Firm or Individual name | Michael A. Makuch - Reg. 32,263 |
| Signature | |
| Date | March 12, 2004 |

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

| | | |
|-----------------------|--|------|
| Typed or printed name | | Date |
| Signature | | |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 190)

Complete if Known

| | |
|----------------------|------------|
| Application Number | 09/966,082 |
| Filing Date | 10/01/2001 |
| First Named Inventor | Uemukai |
| Examiner Name | Graham, G. |
| Art Unit | 1744 |
| Attorney Docket No. | 033082.104 |

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Other None
Order

 Deposit Account:

Deposit Account Number

02-4300

Deposit Account Name

Smith, Gambrell & Russell, LLP

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee
 to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|----------|----------|----------|----------|------------------------|----------|
| 1001 | 770 | 2001 | 385 | Utility filing fee | |
| 1002 | 340 | 2002 | 170 | Design filing fee | |
| 1003 | 530 | 2003 | 265 | Plant filing fee | |
| 1004 | 770 | 2004 | 385 | Reissue filing fee | |
| 1005 | 160 | 2005 | 80 | Provisional filing fee | |

SUBTOTAL (1)

(\$ 0)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| | | Extra Claims | Fee from below | Fee Paid |
|--------------------|----|--------------|----------------|------------|
| Total Claims | 37 | -36 ** | = 1 | X 18 = 18 |
| Independent Claims | 8 | -6 ** | = 2 | X 86 = 172 |
| Multiple Dependent | | | X | = 0 |

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description |
|----------|----------|----------|----------|--|
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 |
| 1201 | 86 | 2201 | 43 | Independent claims in excess of 3 |
| 1203 | 290 | 2203 | 145 | Multiple dependent claim, if not paid |
| 1204 | 86 | 2204 | 43 | ** Reissue independent claims over original patent |
| 1205 | 18 | 2205 | 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2)

(\$ 190)

3. ADDITIONAL FEES

| Large Entity | Small Entity | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|--------------|--------------|----------|----------|--|----------|
| | | 1051 | 130 | Surcharge - late filing fee or oath | |
| | | 1052 | 50 | Surcharge - late provisional filing fee or cover sheet | |
| | | 1053 | 130 | Non-English specification | |
| | | 1812 | 2,520 | For filing a request for reexamination | |
| | | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| | | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| | | 1251 | 110 | Extension for reply within first month | |
| | | 1252 | 420 | Extension for reply within second month | |
| | | 1253 | 950 | Extension for reply within third month | |
| | | 1254 | 1,480 | Extension for reply within fourth month | |
| | | 1255 | 2,010 | Extension for reply within fifth month | |
| | | 1401 | 330 | Notice of Appeal | |
| | | 1402 | 330 | Filing a brief in support of an appeal | |
| | | 1403 | 290 | Request for oral hearing | |
| | | 1451 | 1,510 | Petition to institute a public use proceeding | |
| | | 1452 | 110 | Petition to revive – unavoidable | |
| | | 1453 | 1,330 | Petition to revive – unintentional | |
| | | 1501 | 1,330 | Utility issue fee (or reissue) | |
| | | 1502 | 480 | Design issue fee | |
| | | 1503 | 640 | Plant issue fee | |
| | | 1460 | 130 | Petitions to the Commissioner | |
| | | 1807 | 50 | Processing fee under 37 CFR 1.17 (q) | |
| | | 1806 | 180 | Submission of Information Disclosure Stmt | |
| | | 8021 | 40 | Recording each patent assignment per property (times number of properties) | |
| | | 1809 | 770 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| | | 1810 | 770 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| | | 1801 | 770 | Request for Continued Examination (RCE) | |
| | | 1802 | 900 | Request for expedited examination of a design application | |
| | | | | Other fee (specify) _____ | |

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 0)

**or number previously paid, if greater; For Reissues, see above

SUBMITTED BY

| | | | | | |
|-------------------|-------------------|-----------------------------------|--------|-----------|--|
| Name (Print/Type) | Michael A. Makuch | Registration No. (Attorney/Agent) | 32,263 | Telephone | |
| Signature | | | | | |
| | Date | Complete (if applicable) | | | |

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